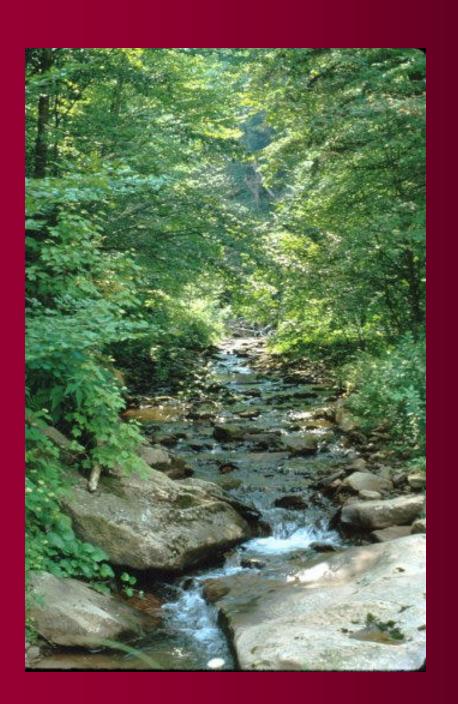


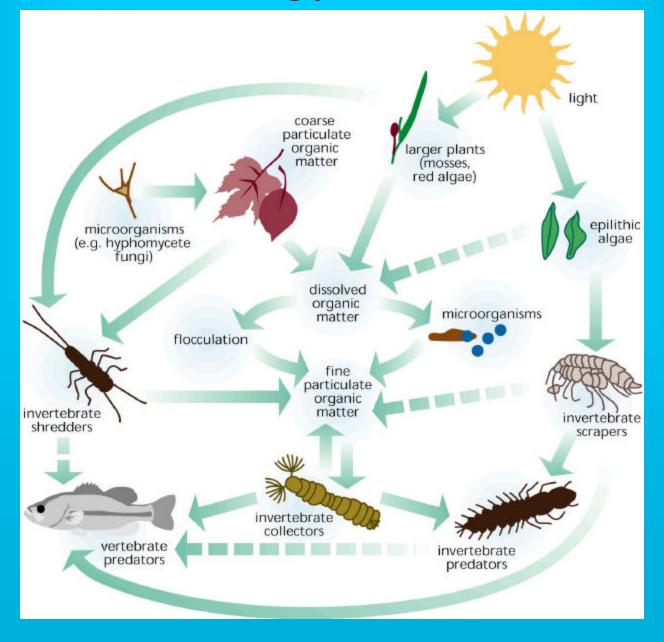
### Stream Order



### Tree Cover

Headwaters stream

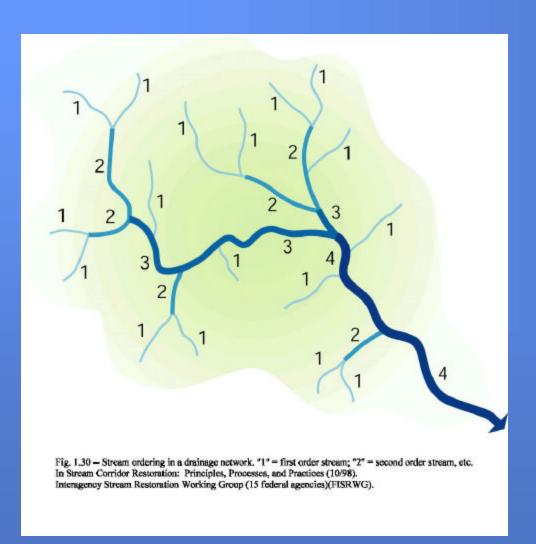
### **Energy Flow**



#### shredders grazers collectors trout periphyton collectors course particulate matter smallmouth microbes shredders bass fine particulate predators matter vascular grazers hydrophytes Stream Size (order) perch periphyton course particulate 6 matter particulate matter fine particulate matter phytoplankton collectors predators catfish zooplankton THE PARTY OF THE P Relative Channel Width

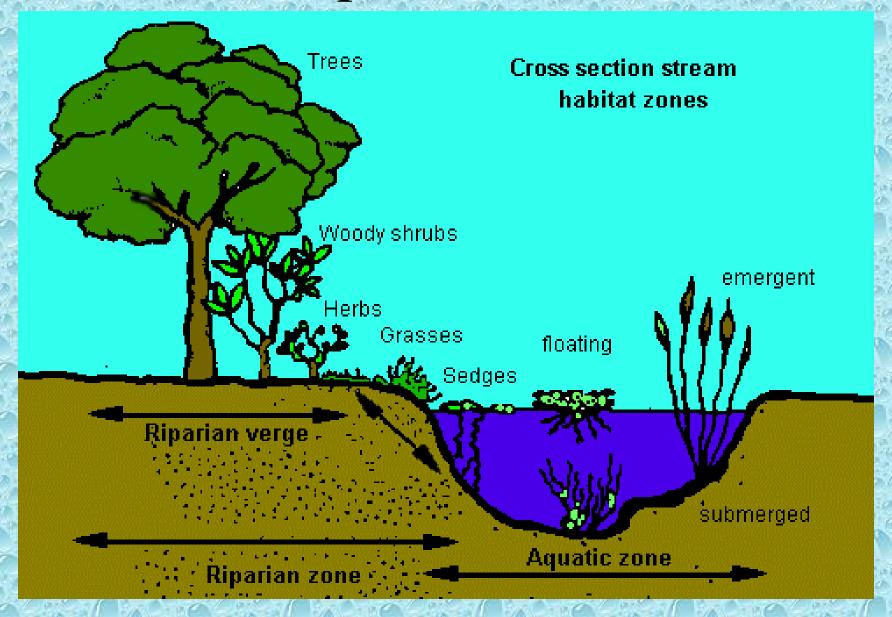
# River Continuum Concept

### Stream "Ordering"



•  $2 \times 2$  does not always =  $4 \cdot !$ 

### Riparian Zone



## Good Riparian Vegetation



